Kansas Cathodic Protection Review Form

Submit to: **Kansas Department of Health and Environment**
Bureau of Environmental Remediation
Storage Tank Section
1000 SW Jackson, Suite 410
Topeka KS 66612-1367 KDHE Phone: 785-296-8061 Fax: 785-296-6190

The items on the checklist below must be submitted with each upgrade application for the installation of either galvanic (sacrificial anodes) or impressed current cathodic protection. Additional requirements may be needed if using ASTM G158-98: Three Methods of Assessing Buried Steel Tanks.

Facility Name & Location:_____

Tanks older than 10 years:	Yes	No
Certificate of tank integrity		
Signature of corrosion expert		

Drawing:	Yes	No
North Arrow		
Scale		
Locations of buildings, vents, piping		
Locations of dispensers/islands, tanks		
Locations of roads, adjacent structures, utilities		
Locations of observation tubes and monitoring wells		
Locations of soil test sites		
Location of rectifier		
Location of positive and negative leads from rectifier		
Location of CP test stations		
Locations of anodes		
Location of leads between anodes and tanks (sacrificial)		
Design Date		
Name of designer and NACE or PE Certification Number		
Name and address of facility		

Report:	Yes	No
Signed/sealed certification statement		
Soil resistivity measurements		
Electrical continuity/isolation tests		
Stray current data		
Structure to soil potentials		
Soil chemistry		
Rectifier capacity, Manuf/model no. and anode Manuf/model no.		
Age and construction of tanks		
Piping material		
Depth of anode placement		
Depth to tank bottom		
3 months of monthly monitoring printouts prior to upgrade (each tank at least 90% percent capacity during 1 month)		
or		
Copy of last tank tightness test results within last 12 months		
or		
3 months of monthly inventory records prior to upgrade		

See following page for wording that KDHE recommends to appear on the design certificate:

I certify that, as a qualified Corrosion Expert (as defined in EPA Underground Storage Tank Rules; 40 CFR Part 280), assessments, recommendations, designs and evaluations for the system at _____ have been made in accordance with applicable law, accepted standards, and in keeping with the best interests of public human health and protection of the environment to prevent release due to corrosion deterioration.

Date_____19_____ _____Cert. No._____
P.E. or NACE certified Corrosion Specialist/Cathodic Protection Specialist

Seal

Upgrades using ASTM G158-98 must use some form of monthly monitoring as release detection following the upgrade.

Please direct questions regarding cathodic protection systems to KDHE, Storage Tank Section, 785-296-8061.